

MATERIAL SAFETY DATA SHEET



In the event of a medical or chemical emergency contact
ChemTel, Inc. North American 1-800-255-3924 or worldwide
Intl. + 01-813-248-0585

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, Texas 75418

Ferti-lome® Dipel® Dust

Effective Date: April 24, 2012

1. PRODUCT AND COMPANY IDENTIFICATION:

PRODUCT: Ferti-lome® Dipel® Dust
EPA No.: 7401-290

COMPANY IDENTIFICATION:

Voluntary Purchasing Groups, Inc.
230 FM 87
Bonham, TX. 75418

2. COMPOSITION / INFORMATION ON INGREDIENTS:

HAZARDOUS COMPONENT	CAS NUMBER	% (TYPICAL)	TLV (UNITS)	PEL (UNITS)
Dipel	Not determined	Proprietary	Not determined	Not determined
Talc	14807-96-6	Proprietary	2 mg/m3*	2 mg/m3*
Bacillus Thuringiensis Berliner	68038-71-1	Proprietary	Not established	Not established

* Respiable dust containing no asbestos

PEL: Permissible Exposure Limit established by the Occupational Safety and Health Administration.

TLV: Threshold Limit Value recommended by the American Conference of Governmental Industrial Hygienists.

3. PHYSICAL DATA:

BOILING POINT (°F) Does not apply	SPECIFIC GRAVITY (H ₂ O=1) .08-1.0	VAPOR PRESSURE (mm Hg) Does not apply
PERCENT VOLATILE BY VOLUME (%) Not determined	VAPOR DENSITY (AIR=1) Not determined	EVAPORATION RATE (ethyl ether=1) Not determined
SOLUBILITY IN WATER Not determined	REACTIVITY IN WATER Will not evolve flammable or toxic gases.	
APPEARANCE AND ODOR Gray powder. Sweet characteristic odor.		

4. FIRE AND EXPLOSION DATA:

FLASH POINT (°F) Does not apply	FLAMMABLE LIMITS IN AIR (% by volume) Lower: Does not apply Upper: Does not apply	
EXTINGUISHING MEDIA Use appropriate for combustibles involved in fire.	AUTO IGNITION TEMPERATURE Not determined	
UNUSUAL FIRE AND EXPLOSION HAZARDS Dispersion of fine dust in air may form explosive mixture.		
SPECIAL FIRE FIGHTING PROCEDURES Utilize protective clothing and self-contained breathing apparatus.		

5. HEALTH INFORMATION:

PRIMARY ROUTES OF EXPOSURE AND TARGET ORGANS Inhalation, Eye Contact, Skin Contact
SIGNS AND SYMPTOMS OF EXPOSURE (1) ACUTE OVEREXPOSURE Contact with the skin may result in mild irritation. Eye contact may be moderately irritating.

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(2) CHRONIC OVEREXPOSURE

Inhalation of talc dust may permanently damage the lungs and result in the development of pneumoconiosis, silicosis, or other respiratory disorder.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE

Dermatitis or other skin disorders.

CHEMICAL/COMPONENT LISTED AS CARCINOGEN OR POTENTIAL CARCINOGEN

None

NTP

YES NO

IARC

YES NO

OSHA

YES NO

OTHER EXPOSURE LIMITS

TLV (respirable nuisance dusts): 5 mg/m³-OSHA. ACGIH TLV (nuisance dust) = 10 mg/m³; OSHA PEL (nuisance dusts) = 15 mg/m³

EMERGENCY AND FIRST AID PROCEDURES

EYE OR SKIN CONTACT: Remove contaminated clothing and flush affected area with plenty of soap and water for at least 15 minutes and get medical attention. Flush eyes with copious amounts of water and seek medical attention if irritation persists. INHALATION: Move to fresh air. If not breathing, give artificial respiration. If breathing is difficult, give oxygen. Call a physician.

6. REACTIVITY DATA:

STABILITY

Unstable Stable

CONDITIONS TO AVOID

Does not apply

INCOMPATIBILITY (Materials to Avoid)

Alkalinity inactivates product.

HAZARDOUS DECOMPOSITION PRODUCTS

Not determined

HAZARDOUS POLYMERIZATION

May Occur Will Not

CONDITIONS TO AVOID

Does not apply

7. SPILL OR LEAK PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS LEAKED OR SPILLED

Cover with sweeping compound and sweep-up with as little dusting as possible. Put sweeping in a waste receptacle. Flush area with water. Prevent spillage from directly entering ground or navigable waters. Clean up of spill may require personal protective equipment to prevent inhalation and eye or skin contact. See Section 8.

WASTE DISPOSAL METHOD

Dispose of in accordance with Federal, State, and local regulations.

8. PERSONAL PROTECTION INFORMATION:

RESPIRATORY PROTECTION

NIOISH/MSHA approved for protection against toxic dusts.

VENTILATION

General or local exhaust to maintain exposure below TLV/PEL.

PROTECTIVE GLOVES

Rubber

EYE PROTECTION

Chemical splash goggles (ANSI Z87.7 1979)

OTHER PROTECTIVE CLOTHING OR EQUIPMENT

Aprons, boots, long sleeved shirt and full-length pants (or overalls) should be worn to prevent skin contact. Eye wash and shower facilities should be available.

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9. SPECIAL PRECAUTIONS:

PRECAUTIONS TO BE TAKEN IN HANDLING & STORING

Store in a cool, dry, well ventilated area in tightly closed containers. Avoid breathing mists or vapors. Avoid direct contact with eyes and skin. Wash thoroughly after handling. Do not eat, drink, or smoke in the work area.

OTHER PRECAUTIONS

Keep out of reach of children and animals. Keep out of water sources, including irrigation water.

10. TRANSPORT INFORMATION:

Not regulated by DOT or IMDG.

11. OTHER INFORMATION

The information contained within was obtained from authoritative sources and is believed to be accurate for the manner in which the product is intended to be used. Other uses could result in ramifications, which are not included within this document.